



March Financial Reporting & Expenses

Succeeding this cover page are the STRS Ohio financial reports & expenses for the period ending March 31, 2018. The unaudited reports that follow are:

- *Statement of Changes in Net Position* — This statement reflects fiscal year-to-date additions and deductions to the plans' net position. Items such as contributions, investment income and benefit payments are included in this financial report.
- *Actual Expenses vs. Budget* — This report reflects current month operating expenses and fiscal year-to-date expenses compared to fiscal year-to-date pro-rata budgeted amounts approved by the Board. In addition to operating expenses, a similar comparison is made of capital and State of Ohio expenses.
- *Expense Notes* — This report provides helpful explanations around larger or infrequent expenses.
- *Detailed Operating Expenses* — This report provides the specific companies or individuals paid by STRS Ohio for operating expenses during the month.

STRS Ohio's funds are held in trust for the sole benefit of the retirement system's members and their beneficiaries. Benefits paid by STRS Ohio are funded by contributions from Ohio's public educators and their employers and the investment returns generated by the assets in which those contributions are invested. STRS receives no general revenue funds — in other words, none of the State of Ohio's budget is expended to support STRS Ohio's benefits or operations.

STRS Ohio' operating expenses are paid solely out of investment returns — no member contributions or tax dollars are expended. STRS Ohio's operating budget is approved by the retirement system's board of trustees, who under Ohio law act as fiduciaries to the retirement system's members. Additionally, prior to approval by the STRS Ohio Board, the operating budget is, by law, reviewed by the Ohio Retirement Study Council, which is comprised of members of the Ohio House and Senate, three members appointed by the Governor, as well as the executive directors of Ohio's five public retirement systems.

Questions about the reports attached can be sent to ContactUs@strsoh.org.

State Teachers Retirement System of Ohio
 Statement of Changes in Net Position
 For the Period July 1, 2017 through March 31, 2018

	Defined Benefit Plans	Defined Contribution	Postemployment Healthcare	Totals
Additions:				
Contributions:				
Member	1,108,241,836	72,693,989		\$1,180,935,825
Employer	1,160,207,961	31,154,567		\$1,191,362,527
Transfers from Defined Contribution Plan	6,045,287	(6,045,287)		
Government reimbursements			92,237,659	92,237,659
Benefit recipient healthcare premiums			248,483,005	248,483,005
Other retirement systems	12,902,405			12,902,405
Total contributions	<u>2,287,397,489</u>	<u>97,803,269</u>	<u>340,720,664</u>	<u>2,725,921,422</u>
Net investment income (loss)	<u>4,888,468,044</u>	<u>68,531,956</u>	<u>253,000,000</u>	<u>5,210,000,000</u>
Total additions	<u>\$7,175,865,533</u>	<u>\$166,335,225</u>	<u>\$593,720,664</u>	<u>\$7,935,921,422</u>
Deductions:				
Service retirement	5,019,302,460			5,019,302,460
Disability retirement	155,791,962			155,791,962
Survivor benefits	93,589,521			93,589,521
Health care			416,544,625	416,544,625
Other	28,701,101			28,701,101
Total benefit payments	<u>5,297,385,044</u>		<u>416,544,625</u>	<u>5,713,929,669</u>
Refunds to members who have withdrawn	175,220,861	30,739,442		205,960,303
Administrative expenses	74,607,180		1,928,504	76,535,684
Total deductions	<u>\$5,547,213,085</u>	<u>\$30,739,442</u>	<u>\$418,473,129</u>	<u>\$5,996,425,656</u>
Net increase (decrease)	<u>\$1,628,652,448</u>	<u>\$135,595,783</u>	<u>\$175,247,535</u>	<u>\$1,939,495,766</u>
Net position held in trust for pension and postemployment healthcare benefits				
Beginning of year	<u>71,118,707,206</u>	<u>1,252,518,913</u>	<u>3,475,778,910</u>	<u>75,847,005,029</u>
End of period	<u>\$72,747,359,654</u>	<u>\$1,388,114,696</u>	<u>\$3,651,026,445</u>	<u>\$77,786,500,795</u>

STATE TEACHERS RETIREMENT SYSTEM
 Actual Expenses vs. Budget
 For the Month and Fiscal Year-to-Date Ended March 31, 2018

	March	February	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Salaries and Wages	\$ 5,794,063	\$ 3,836,903	\$ 49,085,638	\$ 48,668,523	\$ 60,533,200	\$ 46,918,993
Fringe Benefits	1,502,931	1,232,768	12,757,916	13,072,967	16,713,300	12,715,612
Professional and Technical Services	268,661	963,394	6,978,790	7,318,165	10,759,000	7,454,821
Repairs and Maintenance	135,054	369,176	3,488,803	3,764,488	5,728,500	3,684,220
Travel and Vehicles	79,721	47,600	423,101	476,691	723,900	420,754
Communications	114,308	150,464	1,423,828	1,453,212	2,004,100	1,570,227
Utilities	190,494	75,749	695,462	679,715	1,018,000	741,015
Supplies and Materials	56,659	75,886	647,282	740,329	932,700	737,251
Other Expenses	49,480	46,927	847,634	979,575	1,142,900	928,635
Total Operating Expenses	\$ 8,191,371	\$ 6,798,867	\$ 76,348,454	\$ 77,153,665	\$ 99,555,600	\$ 75,171,528
Capital Budget	\$ 66,535	\$ 83,436	\$ 1,732,042	\$ 1,732,042	\$ 3,306,000	\$ 1,453,571
State of Ohio Expenses	\$ 219	\$ 147	\$ 187,230	\$ 187,230	\$ 364,000	\$ 172,752

Staffing Information:	March	February	January
Budgeted FTE Associates	544	544	544
Full Time Equivalent Associates	527	531	532
Open FTE Positions	7	6	4

____ Mr. Hill ____ moved, seconded by ____ Mr. Stein ____, that the report be accepted and the expenditures for the month ending March 31, 2018 in the total amount of \$8,258,125 be approved.

STATE TEACHERS RETIREMENT SYSTEM

Actual Expenses vs. Budget

For the Month and Fiscal Year-to-Date Ended March 31, 2018

	March	February	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
SALARIES AND WAGES						
Salaries and Wages	\$ 5,754,260	\$ 3,820,343	\$ 38,292,257	\$ 38,089,923	\$ 49,516,900	\$ 37,663,109
Other Compensation	1,624	2,092	14,586	27,931	33,100	30,949
Incentive Compensation	0	0	9,222,061	9,000,000	9,000,000	7,372,751
Unused Vacation and Sick Leave	23,742	0	1,431,096	1,431,096	1,823,000	1,731,337
Overtime	12,837	5,993	75,763	69,698	90,600	68,287
Service Awards	1,600	8,475	49,875	49,875	69,600	52,560
Total Salaries and Wages	\$ 5,794,063	\$ 3,836,903	\$ 49,085,638	\$ 48,668,523	\$ 60,533,200	\$ 46,918,993
FRINGE BENEFITS						
OPERS Employer Cost	\$ 813,111	\$ 542,971	\$ 6,262,258	\$ 6,335,603	\$ 7,919,100	\$ 5,977,313
Medical/Hospitalization Insurance	512,627	533,052	4,896,994	5,132,932	6,750,000	5,205,928
Medicare	81,644	54,558	700,037	716,838	890,700	670,527
Dental Insurance	50,100	49,941	451,564	460,282	612,000	455,725
Educational Assistance	7,736	17,874	103,021	110,782	125,000	86,386
Workers' Compensation	12,619	8,369	107,156	99,161	122,000	115,560
Life Insurance	19,383	19,439	160,645	151,148	201,300	150,911
Disability Insurance	7,927	7,948	65,200	61,466	81,900	61,395
Wellness	(2,341)	(1,384)	(8,291)	0	0	(22,252)
Unemployment Compensation	125	0	19,332	4,757	11,300	14,119
Total Fringe Benefits	\$ 1,502,931	\$ 1,232,768	\$ 12,757,916	\$ 13,072,967	\$ 16,713,300	\$ 12,715,612
PROFESSIONAL AND TECHNICAL SERVICES						
Actuary	\$ 46,114	\$ 0	\$ 163,505	\$ 173,330	\$ 272,500	\$ 326,469
Audit	48,683	30,620	206,534	167,355	299,500	118,863
Banking Expense	12,947	14,140	104,390	164,603	216,500	150,021
Board Election Processing	0	0	0	0	65,000	46,926
Contract Services	33,890	7,650	229,672	210,583	265,000	165,272
Custodial Banking Fees	(68,581)	34,903	1,235,967	1,360,000	2,512,500	1,707,712
Data Management and Analytics	0	0	66,750	101,217	176,000	64,628
Disaster Recovery	1,166	1,211	9,055	9,216	14,000	8,948
Employment Verification	224	80	3,541	2,186	4,500	2,647
Health Care Consultant	0	0	25,000	41,616	186,000	45,800
Insurance Consultant	0	0	46,500	56,215	92,500	55,000
Investigative Services	604	591	4,805	5,531	15,800	5,866
Investment Consultant	20,834	20,833	388,278	358,543	700,000	384,716
Investment Research Services	18,140	257,391	2,124,413	2,233,531	2,550,000	2,123,754
Legal Fees	12,298	3,743	295,081	224,479	370,000	223,718
Medical Examinations	27,958	35,101	277,879	318,647	455,000	231,723
Other Consulting Services	66,118	46,059	290,794	343,903	499,800	407,013
Quotation and Analytic Services	42,970	501,148	1,411,085	1,479,000	1,972,000	1,308,970
Real Estate Contract Services	0	9,206	40,425	37,500	50,000	23,884
Recruitment Fees	3,456	166	21,441	15,710	22,400	24,621
Temporary Employment Services	1,840	552	33,675	15,000	20,000	28,270
Total Professional/Technical Services	\$ 268,661	\$ 963,394	\$ 6,978,790	\$ 7,318,165	\$ 10,759,000	\$ 7,454,821

March Expenses vs. Budget

Page 2

	March	February	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
REPAIRS AND MAINTENANCE						
Building Maintenance and Equipment	\$ 81,440	\$ 37,425	\$ 512,681	\$ 570,436	\$ 715,000	\$ 574,490
Copiers	8,205	7,471	69,690	96,496	110,000	75,659
Data Processing Equipment	15,544	298,788	2,601,762	2,753,378	4,309,000	2,661,674
Elevators	2,861	0	(6,120)	7,765	93,000	7,108
Mail Center Equipment	258	0	6,108	11,584	21,500	5,592
Property Tax and Leases	9,056	9,056	162,240	170,847	240,000	252,634
Safety and Security Equipment	15,214	14,289	124,931	141,848	220,000	87,284
Trash Removal	2,476	2,147	17,511	12,134	20,000	19,779
Total Repairs and Maintenance	\$ 135,054	\$ 369,176	\$ 3,488,803	\$ 3,764,488	\$ 5,728,500	\$ 3,684,220
TRAVEL AND VEHICLES						
Gasoline	\$ 741	\$ 364	\$ 5,266	\$ 8,533	\$ 12,000	\$ 5,402
Staff and Board Travel	78,041	45,514	412,717	460,181	698,900	410,225
Vehicle Maintenance	939	1,722	5,118	7,977	13,000	5,127
Total Travel and Vehicles	\$ 79,721	\$ 47,600	\$ 423,101	\$ 476,691	\$ 723,900	\$ 420,754
COMMUNICATIONS						
Courier Services	\$ 2,258	\$ 1,480	\$ 16,016	\$ 20,143	\$ 27,200	\$ 18,993
Outsourced Distribution	3,031	5,060	74,369	74,825	105,000	74,176
Photography / Media	0	0	0	0	5,000	0
Postage	51,948	107,794	888,179	847,500	1,130,000	1,018,075
Printing	31,197	10,296	231,758	262,661	395,000	255,834
Telecommunications	25,874	25,834	213,506	248,082	341,900	203,149
Total Communications	\$ 114,308	\$ 150,464	\$ 1,423,828	\$ 1,453,212	\$ 2,004,100	\$ 1,570,227
UTILITIES						
Electricity	\$ 160,981	\$ 31,781	\$ 545,694	\$ 542,340	\$ 800,000	\$ 577,974
Natural Gas	25,020	39,444	105,217	80,614	120,000	106,308
Oil	0	0	0	0	18,000	0
Water	4,493	4,524	44,551	56,761	80,000	56,733
Total Utilities	\$ 190,494	\$ 75,749	\$ 695,462	\$ 679,715	\$ 1,018,000	\$ 741,015
SUPPLIES AND MATERIALS						
Equipment Supplies	\$ 43,053	\$ 55,715	\$ 474,122	\$ 503,606	\$ 593,800	\$ 528,389
Food Service Supplies	(2,056)	3,748	32,482	36,000	48,000	38,593
Office Supplies	2,107	5,372	35,636	43,462	65,000	33,103
Personal Computer Software	7,713	838	38,552	66,459	80,300	54,665
Publications/Subscriptions	2,207	7,576	37,052	62,462	109,600	47,821
Uniforms	3,635	2,637	29,438	28,340	36,000	34,680
Total Supplies and Materials	\$ 56,659	\$ 75,886	\$ 647,282	\$ 740,329	\$ 932,700	\$ 737,251

March Expenses vs. Budget
Page 3

	March	February	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
OTHER EXPENSES						
Board Employer Reimbursement	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,000	\$ 0
Conferences and Seminars	9,420	2,731	55,448	60,245	89,900	49,526
Dues and Licenses	13,816	6,912	99,518	117,650	161,500	116,001
Equipment Rental	0	0	0	0	0	0
Insurance	0	0	501,814	525,900	525,900	525,883
Member/Employer Education Programs	12,605	11,003	72,325	125,400	167,200	117,374
Miscellaneous Expense	1,010	2,921	13,048	17,258	25,000	14,215
Other Board Expense	875	153	2,556	17,870	22,400	3,570
Other Staff Expense	386	407	11,098	3,000	4,000	6,760
Training	11,368	22,800	91,827	112,252	144,000	95,306
Total Other Expenses	\$ 49,480	\$ 46,927	\$ 847,634	\$ 979,575	\$ 1,142,900	\$ 928,635
Total Operating Expenses	\$ 8,191,371	\$ 6,798,867	\$ 76,348,454	\$ 77,153,665	\$ 99,555,600	\$ 75,171,528
Capital Budget						
	March	February	Year-to-Date	Expected Budget-to-Date	Annual Budget	Prior Year-to-Date
Building Improvements	\$ 25,000	\$ 0	\$ 60,920	\$ 60,920	\$ 320,000	\$ 184,400
Furniture & Fixtures	0	0	0	0	0	0
Audio Visual	0	0	0	0	0	0
Information Processing	0	83,436	446,776	446,776	682,300	513,117
Maintenance	0	0	0	0	162,200	0
Miscellaneous	0	0	0	0	0	0
Office	0	0	20,356	20,356	37,500	6,375
Telecommunications	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0
Computer Software	41,535	0	1,203,990	1,203,990	2,104,000	749,679
Total Capital Budget	\$ 66,535	\$ 83,436	\$ 1,732,042	\$ 1,732,042	\$ 3,306,000	\$ 1,453,571
Total State of Ohio Expenses	\$ 219	\$ 147	\$ 187,230	\$ 187,230	\$ 364,000	\$ 172,752

March 2018 Expense Notes

General Comments

Actual fiscal year-to-date operating expenses total \$76.3 million, approximately \$800,000 lower than expected.

Salaries and Fringe Benefits

Salaries and Wages and associated fringe benefits were higher in March due to three paydays versus the typical two paydays per month. Unused Vacation and Sick Leave includes payment to one retiring associate.

Professional and Technical Services

Actuary includes services rendered for the annual health care valuation. Audit includes health care audit costs. Contract Services includes training and implementation of a new software testing tool. Custodial Banking Fees includes reimbursement of security lending fees for calendar 2016. CEM fees for the defined benefit administration benchmarking and board retreat facilitator costs are included in Other Consulting Services.

Repairs and Maintenance

Building Maintenance and Equipment includes chiller plant valve repair. Elevators include annual certification fees. Safety and Security Equipment includes installation of replacement security cameras and cables.

Travel and Vehicles

Staff and Board Travel included international due diligence trips to England, Indonesia, Argentina and South Korea.

Communications

Included in Postage are costs associated with replenishing the postage meters and disability earnings and retirement plan reselection mailings. Printing includes the annual defined contribution investment report.

Utilities

Electricity includes 3 months of billing due to a utility consolidation. Natural Gas and Water are for February usage.

Supplies and Materials

Equipment Supplies includes paper check stock, replacement computers and docking stations, and fiber optic network converters. Cafeteria sales exceeded expenses causing Food Service Supplies to show a credit balance. Annual licenses for a data analytics tool are included in Personal Computer Software.

Other Expenses

Registration fees for the National Association of State Investment Professionals and Callan College are included in Conferences and Seminars. Dues and Licenses include Ohio Society of

CPAs and Institutional Limited Partners Association annual membership dues and Ohio Ethics Commission filing disclosure fees. Training includes technology online training costs.

Capital Budget

Capital items for March include an automated testing tool and stair nose molding in the south building stairwells.

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 1 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
Salaries and Wages		
Salaries & Wages	STRS OHIO	5,781,226
	Total	5,781,226
Overtime	STRS OHIO	12,837
	Total	12,837
	Total Salaries and Wages	5,794,063
Fringe Benefits		
OPERS Employer Cost	STRS OHIO	813,111
	Total	813,111
Medical/Hospitalization Insurance	MEDICAL CLAIMS	562,500
	MISC. RECEIPTS	(2,470)
	STRS OHIO	(127,970)
	UNITED HEALTHCARE INSURANCE CO	80,567
	Total	512,627
Medicare	STRS OHIO	81,644
	Total	81,644
Dental Insurance	DELTA DENTAL	50,335
	MISC. RECEIPTS	(235)
	Total	50,100
Educational Assistance	COLUMBUS STATE COMMUNITY COLLEGE	1,143
	DEVRY INSTITUTE OF TECHNOLOGY	1,827
	FRANKLIN UNIVERSITY	2,036
	SOUTHERN NEW HAMPSHIRE UNIVERSITY	2,880
	STRS OHIO	(150)
	Total	7,736
Workers' Compensation	STRS OHIO	12,619
	Total	12,619
Life Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	19,383
	Total	19,383
Disability Insurance	LINCOLN NATIONAL LIFE INSURANCE COMPANY	7,927
	Total	7,927
Wellness	MISC. RECEIPTS	(230)
	OHIOHEALTH/WORK HEALTH	160
	STRS OHIO	(2,620)
	THE FITNESS STORE	349
	Total	(2,341)

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 2 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
Unemployment Compensation	OHIO DEPT OF JOB AND FAMILY SERVICES	125
	Total	125
	Total Fringe Benefits	1,502,931
Professional and Technical Services		
Actuary	SEGAL COMPANY	46,114
	Total	46,114
Audit	CONDUENT HR CONSULTING LLC	48,683
	Total	48,683
Banking Expense	FIFTH THIRD BANK	12,947
	Total	12,947
Contract Services	DAVE CAPERTON	2,750
	INTEGRATED LEADERSHIP SYSTEMS LLC	6,000
	TRICENTIS USA CORP	25,140
	Total	33,890
Custodial Banking Fees	BNY MELLON	(100,000)
	FIFTH THIRD BANK	31,419
	Total	(68,581)
Disaster Recovery	FIFTH THIRD BANK-CORP CARD	100
	FIREPROOF RECORDS CENTER	814
	RECOVERY POINT SYSTEMS	252
	Total	1,166
Employment Verification	SCREENPOINTE INC	224
	Total	224
Investigative Services	FIFTH THIRD BANK-CORP CARD	1
	LEXISNEXIS RISK SOLUTIONS	603
	Total	604
Investment Consultant	CLIFFWATER LLC	20,834
	Total	20,834
Investment Research Services	DTCC ITP LLC	400
	ITG PLATFORMS INC	3,056
	STATE STREET CORPORATION	6,000
	TRADEWEB LLC	1,500
	WILSHIRE ASSOCIATES INC	7,184
	Total	18,140

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 3 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
Legal Fees	CALFEE HALTER AND GRISWOLD LLP	6,367
	JONES DAY	100
	MUNGER TOLLES AND OLSON LLP	45
	PORTER WRIGHT MORRIS & ARTHUR LLP	1,200
	PRYOR CASHMAN LLP	1,257
	RICOH USA INC	1,564
	SEYFARTH SHAW LLP	1,742
	TREASURER STATE OF OHIO	23
	Total	12,298
Medical Examinations	ALBERT J KOLIBASH JR MD	540
	AMERICAN ARTHRITIS & OSTEOPOROSIS CNTR	600
	CLAIRE V WOLFE MD	1,180
	DISABILITY & IMPAIRMENT EVALUATIONS, INC	6,750
	DONALD C MANN MD INC	250
	EDWIN H SEASON MD INC	1,000
	JAMES N ALLEN, MD	1,360
	JAMES R. HAWKINS, M.D.	1,200
	JEFFERY C HUTZLER MD	820
	JON KRONBERG MD	500
	MARC COOPERMAN MD	360
	MARJORIE C GALLAGHER MD	360
	MARTIN J GOTTESMAN MD	7,083
	MEDICAL ASSESSMENTS LLC	600
	MEDICAL EVALUATORS LLC	1,575
	ORTHOPEDIC ONE	450
	OSU INTERNAL MEDICINE, LLC	465
	PHYSICAL MEDICINE, SPORTS & INDL LLC	650
	STEIMAN NEUROLOGY GROUP INC	1,575
	STEPHEN F PARISER, MD	640
	Total	27,958
Other Consulting Services	CALFEE HALTER AND GRISWOLD LLP	5,000
	CEM BENCHMARKING INC	45,000
	ED GAYDOS	7,500
	ENDICOTT MICROFILM INC	1,312
	FIFTH THIRD BANK	7,306
	Total	66,118
Quotation and Analytic Service	BLOOMBERG FINANCE LP	1,000
	FIFTH THIRD BANK-CORP CARD	38,285
	FRANK RUSSELL COMPANY	421
	NYSE MARKET INC	2,443
	OPTIONS PRICE REPORTING AUTHORITY LLC	409
	TSX INC	412
	Total	42,970
Recruitment Fees	ADAM JACOBS	61
	AMERICAN EXPRESS COMPANY	275
	DRURY INN & SUITES	115
	JOHN WILEY & SONS INC	545

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 4 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	US DEPARTMENT OF HOMELAND SECURITY	2,460
	Total	3,456
Temporary Employment Services	OFFICE TEAM	1,840
	Total	1,840
	Total Professional and Technical Services	268,661
Repairs and Maintenance		
Building Maintenance and Equipment	AMBIUS LLC 05	1,573
	ATLAS INDUSTRIAL CONTRACTORS LTD	360
	BUCK AND SONS LANDSCAPE SERVICE INC	2,340
	CONSOLIDATED ELECT DIST	553
	CULLIGAN OF COLUMBUS	1,570
	DLT SOLUTIONS INC	1,624
	EATON CORPORATION	485
	FCX PERFORMANCE INC	25,752
	FIFTH THIRD BANK-CORP CARD	277
	GLOBE WINDOW CLEANING INC	793
	GRAINGER INC	1,751
	I SUPPLY COMPANY	8,216
	INDUSTRIAL SALES CO. INC.	1,686
	JOHNSTONE SUPPLY	1,311
	KETCHUM WALTON CO	6,453
	LEGACY MAINTENANCE SERVICES LLC	6,200
	LOMBARDI WATER MANAGEMENT INC	725
	LOWES BUSINESS ACCOUNT	262
	MCKEE DOOR SALES OF COLUMBUS INC	250
	MCMASTER-CARR SUPPLY COMPANY	881
	MISC. RECEIPTS	(717)
	MOTION INDUSTRIES INC	656
	OHIO POWER TOOL INC	962
	PEPCO	403
	PRAXAIR DISTRIBUTION INC	93
	SCOTSMAN MID-OHIO	166
	SPEER MECHANICAL	3,663
	TERMINIX	390
	UNITED REFRIGERATION SERVICE INC	3,600
	VERTIV SERVICES INC	2,345
	WESCO DISTRIBUTION, INC.	5,066
	WESTWATER SUPPLY CO	1,601
	WORLY PLUMBING SUPPLY INC	150
	Total	81,440
Copiers	CANON FINANCIAL SERVICES INC	3,804
	GORDON FLESCH CO INC	2,149
	MT BUSINESS TECHNOLOGIES INC	500
	RANDY'S REPAIR AND MAINTENANCE	1,752
	Total	8,205
Data Processing Equipment	BLOOMBERG FINANCE LP	6,625

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 5 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	CONVERGE ONE INC	1,450
	DIGICERT INC	299
	FIFTH THIRD BANK-CORP CARD	722
	IPSWITCH INC	420
	IT SAVVY	582
	SERVICE EXPRESS INC	1,021
	SHI CORP	606
	XEROX CORPORATION	3,819
	Total	15,544
Elevators	TREASURER STATE OF OHIO	2,861
	Total	2,861
Mail Center Equipment	PITNEY BOWES INC	258
	Total	258
Property Tax and Leases	HOLLINGSWORTH CAPITAL PARTNERS COLS LLC	9,056
	Total	9,056
Safety & Security Equipment	ATLAS INDUSTRIAL CONTRACTORS LTD	8,073
	HARD FIRE SUPPRESION SYSTEMS	5,312
	MISC. RECEIPTS	(20)
	MITCHELL LOCK LLC	795
	SIGNATURE CONTROL SYSTEMS LLC	145
	SIMPLEX GRINNELL	492
	THOMAS DOOR CONTROLS INC	417
	Total	15,214
Trash Removal	MH EQUIPMENT COMPANY	121
	MISC. RECEIPTS	(127)
	REPUBLIC SERVICES #046	167
	WASTE MANAGEMENT INC	2,315
	Total	2,476
	Total Repairs and Maintenance	135,054
Travel and Vehicles		
Gasoline	FIFTH THIRD BANK-CORP CARD	741
	Total	741
Staff and Board Travel	ALAN E MUENCH	75
	AMERICAN EXPRESS COMPANY	47,070
	ANDREW J PAUL	834
	ANNEMARIE ERKMAN	750
	BARRY G MCMAHON	198
	BONNIE E WILD	454
	BRIAN D'AMICO	1,446
	BRIAN R ENGSTROM	66
	CAROL L CORRETHEERS	208
	DALE L PRICE	237

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 6 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	DANIEL P GRIFFIN	1,578
	DRURY INN & SUITES	590
	ERIC NEWBERG	523
	FREDERICK SETON STALEY	400
	GARY FOUST	1,507
	GRANT EDWARDS	309
	HANNAH MALTRY-CANTRELL	315
	HIREN GHALA	1,738
	HOPE K SHORT	71
	IRENE T BLACK	566
	JACOB R CLARK	63
	JASON A SAUER	30
	JASON J TINCHER	1,509
	JASON T JARVIS	175
	JEFFREY A GILDER	54
	JOHN A BUCH	74
	JOHN M LEE	1,751
	JORDAN WINTERS	159
	JOSEPH B LUBELSKI	1,480
	JPMORGAN CHASE	329
	JULIA A VISKANTA	441
	KASEY SNIDER	315
	KELLEY S MCCHRISTY	18
	KENNETH H BLANKE	180
	LANNY D WELLY	946
	LERA STURGELL	644
	LINCOLN PROPERTY COMPANY	9
	MARCY H YEAMANS	104
	MARK A REED	416
	MARK A RUBECK	1,292
	MARK A STOLL	51
	MARLA E BUMP	938
	MARY PATRICIA GORDON	50
	MHR FUND	260
	MICHAEL R RILEY	181
	MISCELLANEOUS EXPENSE	8
	MISSION CAPITAL MANAGEMENT SERVICES	95
	NICOLE M HOKE	673
	NIK TAN	485
	PROVIDENCE EQUITY PARTNERS INC	200
	REBECCA BLUMENSHEID	15
	RITA J WALTERS	360
	ROBERT W STEIN	277
	SHARA D BAILEY	18
	STEPHEN M REYNARD	990
	STEVEN J LUETTGEN	72
	TAMLA D COLE	420
	TIMOTHY S DRAKE	594
	TODD JACOBSON	1,592
	TODD WOLFORD	44
	WELLS FARGO SECURITIES	342

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 7 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	WILLIAM A SHURMAN	33
	WILLIAM J NEVILLE	1,004
	YOEL MAYERFELD	415
	Total	78,041
Vehicle Maintenance	BYERS CHRYSLER, LLC	939
	Total	939
	Total Travel and Vehicles	79,721
Communications		
Courier Services	FEDEX	18
	RAINBOW EXPRESS INC	1,246
	UNITED PARCEL SERVICE	994
	Total	2,258
Outsourced Distribution	BAESMAN GROUP INC	1,069
	THE OLD TRAIL PRINTING CO INC	1,147
	WEST CAMP PRESS INC	815
	Total	3,031
Postage	FIFTH THIRD BANK-CORP CARD	15
	MISC. RECEIPTS	(7)
	RESERVE ACCOUNT	50,000
	STATE MAIL SERVICE-PRESORT	1,581
	THE OLD TRAIL PRINTING CO INC	33
	W C NATIONAL MAILING CORPORATION	200
	WEST CAMP PRESS INC	126
	Total	51,948
Printing	ADVANCE GRAPHICS	73
	BAESMAN GROUP INC	7,741
	CAPITOL SQUARE PRINTING	608
	THE OLD TRAIL PRINTING CO INC	673
	VERITIV OPERATING COMPANY	8,657
	WEST CAMP PRESS INC	12,341
	WESTERN STATES ENVELOPE & LABEL	1,104
	Total	31,197
Telecommunications	AT&T	142
	FRONTIER	86

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 8 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	ROBERT KOCI	71
	SCOTT W HAMMOND	222
	T-MOBILE	75
	TIME WARNER CABLE	345
	VERIZON WIRELESS	3,496
	WEST UNIFIED COMMUNICATIONS SERVICES INC	156
	WOW BUSINESS	1,779
	XO COMMUNICATIONS	19,502
	Total	25,874
	Total Communications	114,308
Utilities		
Electricity	AMERICAN ELECTRIC POWER	27,784
	CITY OF WESTERVILLE	2,422
	CONSTELLATION NEW ENERGY INC	130,775
	Total	160,981
Natural Gas	COLUMBIA GAS OF OHIO	5,578
	CONSTELLATION ENERGY SVCS - NATURAL GAS	19,442
	Total	25,020
Water	COLUMBUS CITY TREASURER	4,493
	Total	4,493
	Total Utilities	190,494
Supplies and Materials		
Equipment Supplies	ACTION SUPPLY PRODUCTS INC	252
	APPLE COMPUTER, INC.	1,977
	B & H PHOTO VIDEO	168
	CINTAS CORPORATION	340
	FIFTH THIRD BANK-CORP CARD	1,569
	GORDON FOOD SERVICE	2,646
	IT SAVVY	9,471
	KINZUA ENVIRONMENTAL INC	303
	KROGER-COLUMBUS CUSTOMER CHARGES	17
	METROLINEDIRECT.COM	1,031
	MNJ TECHNOLOGIES DIRECT INC	19,059
	NEWARK ELEMENT14	22
	PM PROFESSIONAL SERVICES	2,024
	QUALITY POOLS	300
	RR DONNELLEY AND SONS COMPANY	1,322
	SPIRAL BINDING COMPANY INC	676
	STATE INDUSTRIAL PRODUCTS	560
	THE MILLCRAFT PAPER COMPANY	819
	USI, INC.	173
	VERITIV OPERATING COMPANY	324
	Total	43,053

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 9 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
Food Service Supplies	AVI FOOD SYSTEMS INC	2,172
	COCA-COLA BOTTLING CO CONSOLIDATED	833
	FIFTH THIRD BANK-CORP CARD	100
	FIRSTCHOICE	99
	GORDON FOOD SERVICE	15,925
	KROGER-COLUMBUS CUSTOMER CHARGES	376
	MISC. RECEIPTS	(9,474)
	SAM'S CLUB	243
	SCHNEIDER'S BAKERY INC	410
	STRS OHIO	(13,881)
	TREASURER STATE OF OHIO	1,141
	Total	(2,056)
Office Supplies	INDEPENDENT STATIONERS INC	795
	OFFICE DEPOT INC	103
	PITNEY BOWES INC	326
	STAPLES BUSINESS ADVANTAGE	883
	Total	2,107
Personal Computer Software	CARAHSOFT TECHNOLOGY CORP	5,002
	DELL MARKETING LP	1,330
	FIFTH THIRD BANK-CORP CARD	1,381
	Total	7,713
Publications/Subscriptions	BARRON'S	223
	DIRECTV	193
	FIFTH THIRD BANK-CORP CARD	310
	LOS ANGELES BUSINESS JOURNAL	129
	RELX INC DBA LEXISNEXIS	326
	THE COLUMBUS DISPATCH	718
	THE REPOSITORY	12
	USA TODAY	296
	Total	2,207
Uniforms	CINTAS CORPORATION	2,898
	ECONOMY	229
	GORDON FOOD SERVICE	43
	UNIFIRST CORPORATION	465
	Total	3,635
	Total Supplies and Materials	56,659
Other Expenses		
Conferences and Seminars	AN EVENT APART LLC	2,750
	ARMA GREATER COLUMBUS OHIO CHAPTER	149
	CALLAN ASSOCIATES INC	2,350
	COLS CHPTR OF AMERICAN MARKETING ASSOC	36
	FIFTH THIRD BANK-CORP CARD	60
	HUMAN RESOURCES ASSOCIATION	100

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 10 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	ISACA CENTRAL OHIO CHAPTER	700
	ISSA COLUMBUS CHAPTER	175
	KATHY BOETTCHER	350
	LYNN A HOOVER	125
	NATIONAL ASSOC OF STATE INVEST OFFICERS	1,400
	NATIONAL POSTAL FORUM	800
	UPWARD BRAND INTERACTIONS	425
	Total	9,420
Dues and Licenses	ALEXIS GREEN	60
	AMERICAN PAYROLL INSTITUTE INC	219
	ASSOCIATION FOR COMPUTING MACHINERY INC	198
	ASSOCIATION FOR FACILITIES ENGINEERS	597
	FIFTH THIRD BANK-CORP CARD	150
	INFRE	980
	INSTITUTIONAL LIMITED PARTNERS ASSOC	4,000
	INTERNATIONAL COUNCIL OF SHOPPING CTRS	50
	OHIO ETHICS COMMISSION	2,340
	OHIO SOCIETY OF CPAS	4,235
	OHIOHEALTH/WORK HEALTH	118
	PAYTEN FREY	60
	PROJECT MANAGEMENT INSTITUTE	214
	PUBLIC RELATIONS SOCIETY OF AMERICA	320
	SOCIETY FOR HUMAN RESOURCE MANAGEMENT	209
	THOMAS SWOGER	66
	Total	13,816
Member Education Programs	COURTYARD MARRIOTT	1,579
	FIFTH THIRD BANK-CORP CARD	3,475
	HALO BRANDED SOLUTIONS INC	635
	HOLIDAY INN	5,010
	MIAMI UNIVERSITY	1,005
	MISCELLANEOUS EXPENSE	30
	EMPLOYER EDUCATION WORKSHOP REVENUE	(180)
	THE MANDALAY	1,051
	Total	12,605
Miscellaneous	CAPITOL SQUARE REVIEW & ADVISORY BOARD	200
	FIFTH THIRD BANK-CORP CARD	224
	FIREPROOF RECORDS CENTER	417
	INFOSTORE LLC	31
	MAPLE LEE FLOWERS	133
	OHIO SECRETARY OF STATE'S OFFICE	5
	Total	1,010
Other Board Expense	MISCELLANEOUS EXPENSE	875
	Total	875
Other Staff Expense	DEBRA L HULAND	42
	FIFTH THIRD BANK-CORP CARD	395

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

Page 11 of 11

Detailed Operating Expenses
For the Month Ended March 31, 2018

ACCOUNT	VENDOR	AMOUNT
	GREGORY A TAYLOR	45
	HONEY BAKED HAM COMPANY LLC	718
	JENNIFER MONTENARO	324
	LESLIE JAYE ORD	21
	MATTHEW L HINES	14
	MISC. RECEIPTS	(147)
	REBECCA A DAVIS	24
	SCOTT W HAMMOND	51
	STRS OHIO	(1,224)
	SUZAN J WALTERS	75
	TAMLA D COLE	48
	Total	386
Training	DATA CAMP INC	900
	IIBA COLUMBUS CHAPTER	999
	INTERNATIONAL INSTITUTE FOR LEARNING	249
	NEW HORIZONS CLC OF COLUMBUS LLC	2,233
	OXFORD COMPUTER GROUP LLC	3,487
	SECUREWORKS INC	3,500
	Total	11,368
	Total Other Expenses	49,480
Total Operating Expenses		8,191,371
State of Ohio Expenses	TREASURER STATE OF OHIO	219
	Total State of Ohio Expenses	219